

What Is Claimed Is:

1. A shirred seamless, tubular concertina casing suitable for foodstuffs comprising:
an inner hollow cavity,
two ends, one of which is tied off, wherein the tied-off end of the concertina is
turned inward into the inner hollow cavity, and
an outer surface provided with a coating or impregnation comprising a food
additive.
2. A shirred concertina casing in accordance with Claim 1, wherein the turned-in
part of the tied-off end of the casing extends over approximately an entire length of the
concertina.
3. A shirred concertina casing in accordance with Claim 1, wherein the coating or
impregnation that is provided on the outer surface further comprises at least one binding
agent.
4. A shirred concertina casing in accordance with Claim 1, wherein the food additive
comprises a natural liquid smoke, a neutral liquid smoke, or an alkali liquid smoke and/or
powdered smoke.
5. A shirred concertina casing in accordance with Claim 1, wherein the coating
comprises a cross-linking agent.
6. A shirred concertina casing in accordance with Claim 1, wherein the coating
comprises a material that is capable of reducing the water solubility of the coating.

7. A shirred concertina casing in accordance with Claim 1, characterized in that the coating comprises a polyvinyl pyrrolidone and/or a copolymer containing vinylpyrrolidone units.
8. A shirred concertina casing in accordance with Claim 1, wherein a fill ring is positioned inside the turned-in portion of the casing.
9. A shirred concertina casing in accordance with Claim 1, wherein the concertina casing is enclosed in outer packaging.
10. A shirred concertina casing in accordance with Claim 1, wherein the concertina casing further comprises fiber-reinforced, regenerated cellulose.
11. A shirred concertina casing in accordance with Claim 1, wherein the concertina casing is based upon thermoplastic starches or mixtures containing thermoplastic starches and other natural or synthetic polymers.
12. A shirred concertina casing in accordance with Claim 1, wherein the concertina casing is single- or multilayer, and is based upon one or more synthetic materials.
13. A shirred concertina casing in accordance with Claim 1, wherein said casing is designed to be soak-free.
14. A shirred concertina casing in accordance with Claim 3, wherein the binding agent comprises a polysaccharide or a derivative thereof, a protein or a derivative thereof, or a mixture of a polysaccharide and a protein.
15. A shirred concertina casing in accordance with Claim 5, wherein the cross-linking agent comprises a long-chain dienal, tannin, caramel, and/or linseed oil.

16. A shirred concertina casing in accordance with Claim 12, wherein said synthetic materials comprise polyamides and/or polyolefins.
17. A food product comprising a casing according to Claim 1.
18. A concertina casing of Claim 1 that has been filled with an edible material.
19. A method for producing an edible material comprising:
placing a shirred concertina casing of Claim 1 on a filling apparatus, and
filling said casing with edible material.

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